

## **Computing Progression of Skills**

|                   | EYFS            | YEAR 1            | YEAR 2`            | YEAR 3                 | YEAR 4                 | YEAR 5                 | YEAR 6             |
|-------------------|-----------------|-------------------|--------------------|------------------------|------------------------|------------------------|--------------------|
| Computer          | Robots:         |                   |                    |                        |                        |                        |                    |
| Science           | • To be able to | Outcome:          | Outcome:           | Outcome:               | Outcome:               | Outcome:               | Outcome:           |
| KS1 NC:           | describe a      | Children          | Children can       | Children can turn      | When turning a         | Children may           | Children are able  |
| Understand what   | route that is   | understand that   | explain that an    | a simple real-life     | real-life situation    | attempt to turn        | to turn a more     |
| algorithms are;   | in progress     | an algorithm is a | algorithm is a set | situation into an      | into an algorithm,     | more complex           | complex            |
| how they are      | and a route     | set of            | of instructions to | algorithm for a        | the children's         | real-life situations   | programming        |
| implemented as    | taken by        | instructions used | complete a task.   | program by             | design shows that      | into algorithms        | task into an       |
| programs on       | another         | to solve a        | When designing     | deconstructing it      | they are thinking      | for a program by       | algorithm by       |
| digital devices;  | person while    | problem or        | simple programs,   | into manageable        | of the <b>required</b> | deconstructing it      | identifying the    |
| and that          | it is being     | achieve an        | children show an   | parts. Their           | task and how to        | into manageable        | important          |
| programs execute  | enacted.        | objective. They   | awareness of the   | design shows that      | accomplish this        | parts. Children        | aspects of the     |
| by following      | • To be able to | know that a       | need to be         | they are thinking      | in code using          | are able to test       | task (abstraction) |
| precise and       | follow a route  | computer          | precise with their | of the desired         | coding structures      | and <b>debug their</b> | and then           |
| unambiguous       | taken by        | program turns an  | algorithms so      | task and how this      | for selection and      | programs as they       | decomposing        |
| instructions.     | another         | algorithm into    | that they can be   | translates into        | repetition.            | go and can use         | them in a logical  |
| Create and debug  | person after    | code that the     | successfully       | code. Children         | Children make          | logical methods        | way using their    |
| simple programs.  | it has been     | computer can      | converted into     | can <b>identify an</b> | more intuitive         | to identify the        | knowledge of       |
| Use logical       | enacted.        | understand.       | code.              | error within their     | attempts to            | approximate            | possible coding    |
| reasoning to      | • To plan       |                   |                    | program that           | debug their own        | cause of any bug       | structures and     |
| predict the       | routes for toy  |                   |                    | prevents it            | programs.              | but may need           | applying skills    |
| behaviour of      | vehicles and    |                   |                    | following the          |                        | some support           | from previous      |
| simple programs.  | follow plans    |                   |                    | desired algorithm      |                        | identifying the        | programs.          |
|                   | for toy         |                   |                    | and then fix it        |                        | specific line of       | Children test and  |
| KS2 NC:           | vehicles.       |                   |                    |                        |                        | code.                  | debug their        |
| Design, write and | • To use the    |                   |                    |                        |                        |                        | program as they    |
| debug programs    | buttons on a    |                   |                    |                        |                        |                        | go and use logical |
| that accomplish   | floor robot to  |                   |                    |                        |                        |                        | methods to         |
| specific goals,   | make it move    |                   |                    |                        |                        |                        | identify the cause |
| including         | developing to   |                   |                    |                        |                        |                        | of bugs,           |
| controlling or    |                 |                   |                    |                        |                        |                        | demonstrating a    |



| simulating         | using buttons   |                        |                    |                    |                          |                      | systematic          |
|--------------------|-----------------|------------------------|--------------------|--------------------|--------------------------|----------------------|---------------------|
| physical systems;  | with greater    |                        |                    |                    |                          |                      | approach to try     |
| solve problems by  | purpose e.g.,   |                        |                    |                    |                          |                      | to identify a       |
| decomposing        | program         |                        |                    |                    |                          |                      | particular line of  |
| them into smaller  | several         |                        |                    |                    |                          |                      | code causing a      |
| parts.             | buttons to      |                        |                    |                    |                          |                      | problem.            |
| Use sequence,      | make it         |                        |                    |                    |                          |                      |                     |
| selection and      | move.           | Outcome:               | Outcome:           | Outcome:           | Outcome:                 | Outcome:             | Outcome:            |
| repetition in      | • To be able to | Children can           | Children can       | Children           | Children's <b>use of</b> | Children <b>can</b>  | Children translate  |
| programs; work     | interpret       | work out what is       | create a simple    | demonstrate the    | timers to achieve        | translate            | algorithms that     |
| with variables     | simple          | wrong with a           | program that       | ability to design  | repetition effects       | algorithms that      | include sequence,   |
| and various forms  | instructions    | simple algorithm       | achieves a         | and code a         | are becoming             | include              | selection and       |
| of input and       | to predict an   | when the steps         | specific purpose.  | program that       | more logical and         | sequence,            | repetition into     |
| output.            | outcome.        | are out of order,      | They can also      | follows a simple   | are integrated           | selection and        | code and their      |
| Use logical        | To be able to   | e.g. The Wrong         | identify and       | sequence. They     | into their               | repetition into      | own designs         |
| reasoning to       | plan and        | Sandwich in            | correct some       | experiment with    | program designs.         | code with            | show that they      |
| explain how some   | input           | Purple Mash and        | errors, e.g. Debug | timers to achieve  | They understand          | increasing ease      | are thinking of     |
| simple algorithms  | instructions    | can write their        | Challenges:        | repetition effects | 'IF statements'          | and their own        | how to              |
| work and to        | for a floor     | own simple             | Chimp. Children's  | in their programs. | for selection and        | designs show that    | accomplish the      |
| detect and         | robot           | algorithm, e.g.        | program designs    | Children are       | attempt to               | they are thinking    | set task in code    |
| correct errors in  | building up to  | Colouring in a         | display a growing  | beginning to       | combine these            | of how to            | utilising such      |
| algorithms and     | several steps.  | Bird activity.         | awareness of the   | understand the     | with other coding        | accomplish the       | structures,         |
| programs.          |                 | Children <b>know</b>   | need for logical,  | difference in the  | structures               | set task in code     | including nesting   |
| Understand         |                 | that an                | programmable       | effect of using a  | including                | utilising such       | structures within   |
| computer           |                 | unexpected             | steps.             | timer command      | variables to             | structures. They     | each other.         |
| networks,          |                 | outcome is due         |                    | rather than a      | achieve the              | are <b>combining</b> | Coding displays     |
| including the      |                 | to the code they       |                    | repeat command     | effects that they        | sequence,            | an improving        |
| internet; how      |                 | have created and       |                    | when creating      | design in their          | selection and        | understanding of    |
| they can provide   |                 | can make logical       |                    | repetition effects | programs. As well        | repetition with      | <b>variables</b> in |
| multiple services, |                 | attempts to <b>fix</b> |                    |                    | as <b>understanding</b>  | other coding         | coding, outputs     |
| such as the World  |                 | the code, e.g.         |                    |                    | how variables            | structures to        | such as sound       |
| Wide Web, and      |                 | Bubbles activity in    |                    |                    | can be used to           | achieve their        | and movement,       |
| the opportunities  |                 | 2Code                  |                    |                    | store information        | algorithm design.    | inputs from the     |



| they offer for<br>communication<br>and<br>collaboration. |  |   |   | while a program<br>is executing, they<br>are able to use<br>and manipulate<br>the value of<br>variables.<br>Children can<br>make use of user<br>inputs and<br>outputs such as<br>'print to screen'.<br>e.g. 2Code   |  | user of the<br>program such as<br>button clicks and<br>the value of<br>functions.  |
|--|--|---|---|---|--|--|
|  | Outcome:<br>When looking at a<br>program, children<br>can read code<br>one line at a time<br>and make good<br>attempts to<br>envision the<br>bigger picture of<br>the overall effect<br>of the program.<br>Children can, for<br>example,<br>interpret where<br>the turtle in 2Go<br>challenges will<br>end up at the end<br>of the program | Outcome:<br>Children can<br>identify the parts<br>of a program that<br>respond to<br>specific events<br>and initiate<br>specific actions.<br>For example, they<br>can write a cause<br>and effect<br>sentence of what<br>will happen in a<br>program. | Outcome:<br>Children's designs<br>for their<br>programs show<br>that they are<br>thinking of the<br>structure of a<br>program in<br>logical,<br>achievable steps<br>and absorbing<br>some new<br>knowledge of<br>coding<br>structures. For<br>example,<br>repetition and<br>use of timers.<br>They make good<br>attempts to 'step | Outcome:<br>Children's designs<br>for their<br>programs show<br>that they are<br>thinking of the<br>structure of a<br>program in<br>logical,<br>achievable steps<br>and absorbing<br>some new<br>knowledge of<br>coding<br>structures. For<br>example, 'IF'<br>statements,<br>repetition and<br>variables. They<br>can trace code | Outcome:<br>When children<br>code, they are<br>beginning to<br>think about their<br>code structure in<br>terms of the<br>ability to debug<br>and interpret the<br>code later, e.g.<br>the use of tabs to<br>organise code<br>and the naming<br>of variables. | Outcome:<br>Children are able<br>to interpret a<br>program in parts<br>and can make<br>logical attempts<br>to put the<br>separate parts of<br>a complex<br>algorithm<br>together to<br>explain the<br>program as a<br>whole. |



|  |  | through' more<br>complex code in<br>order to identify<br>errors in<br>algorithms and<br>can correct this.<br>e.g. In programs<br>such as Logo,<br>they can 'read'<br>programs with<br>several steps and<br>predict the<br>outcome<br>accurately.   | and use step-<br>through methods<br>to identify errors<br>in code and make<br>logical attempts<br>to correct this. In<br>programs such as<br>Logo, they can<br>'read' programs<br>with several<br>steps and predict<br>the outcome<br>accurately.   |   |  |
|--|--|--|---|---|--|
|  |  | Outcome:<br>Children can list a<br>range of ways<br>that the Internet<br>can be used to<br>provide different<br>methods of<br>communication.<br>They can use<br>some of these<br>methods of<br>communication,<br>e.g. being able to<br>open, respond to<br>and attach files to<br>emails using<br>2Email. They can<br>describe | Outcome:<br>Children<br>recognise the<br>main component<br>parts of<br>hardware which<br>allow computers<br>to join and form a<br>network. Their<br>ability to<br>understand the<br>online safety<br>implications<br>associated with<br>the ways the<br>internet can be<br>used to provide<br>different | Outcome:<br>Children<br>understand the<br>value of<br>computer<br>networks but are<br>also aware of the<br>main dangers.<br>They recognise<br>what personal<br>information is<br>and can explain<br>how this can be<br>kept safe.<br>Children can<br>select the most<br>appropriate form<br>of online | Outcome:<br>Children<br>understand and<br>can explain in<br>some depth the<br>difference<br>between the<br>internet and the<br>World Wide<br>Web. Children<br>know what a<br>WAN and LAN<br>are and can<br>describe how<br>they access the<br>Internet in<br>school. |



|                             |   |                         |                                     |                                 | appropriate<br>email<br>conventions<br>when<br>communicating in<br>this way. | methods of<br>communication <b>is</b><br><b>improving.</b> | communications<br>contingent on<br>audience and<br>digital content,<br>e.g. 2Blog,<br>2Email, Display<br>Boards. |                                      |
|-----------------------------|---|-------------------------|-------------------------------------|---------------------------------|--|--|--|--------------------------------------|
| Information                 | - | ooard skills:           |                                     |                                 |  |  |  |                                      |
| Technology                  |   | To be able to           | Outcome:                            | Outcome:                        | Outcome:   | Outcome:   | Outcome:   | Outcome:                             |
|                             |   | find                    | Children are able                   | Children                        | Children can   | Children   | Children <b>search</b>   | Children <b>readily</b>              |
| KS1 NC                      |   | individual              | to <b>sort, collate,</b>            | demonstrate an                  | carry out simple   | understand the   | with greater   | apply filters                        |
| Use technology              |   | etters on the           | edit and store                      | ability to organise             | searches to  | function,  | complexity for   | when searching                       |
| purposefully to             |   | keyboard.               | simple digital                      | data using, for                 | retrieve digital   | features and   | digital content  | for digital                          |
| create, organise,           |   | To use the              | content e.g.                        | example, a                      | content. They  | layout of a search   | when using a   | content. They are                    |
| store, manipulate           |   | spacebar.               | children can                        | database such as                | understand that  | engine. They can   | search engine.   | able to <b>explain in</b>            |
| and retrieve                |   | To be able to           | name, save and                      | 2Investigate and                | to do this, they   | appraise selected  | They are able to   | detail how                           |
| digital content.            |   | delete using            | retrieve their                      | can <b>retrieve</b>             | are connecting to  | webpages for   | explain in some  | credible a                           |
|                             |   | the                     | work and follow                     | specific data for               | the internet and   | credibility and  | detail how   | webpage is and                       |
| KS2 NC                      |   | backspace               | simple                              | conducting                      | using a search   | information at a   | credible a   | the information it                   |
| Use search                  |   | key and the             | instructions to                     | simple searches.                | engine such as   | basic level.   | webpage is and   | contains. They                       |
| technologies                |   | DELETE key.             | access online                       | Children are able               | Purple Mash  |  | the information it   | compare a range                      |
| effectively,                |   | To be able to           | resources, use                      | to edit more                    | search or  |  | contains.  | of digital content                   |
| appreciate how              |   | type both               | Purple Mash                         | complex digital                 | internet-wide  |  |  | sources and are                      |
| results are                 |   | uppercase               | 2Quiz example                       | data such as                    | search engines.  |  |  | able to <b>rate</b> them             |
| selected and                |   | and                     | (sorting shapes),                   | music                           |  |  |  | in terms of                          |
| ranked, and be              |   | owercase                | 2Code design<br>mode                | compositions<br>within          |  |  |  | content quality                      |
| discerning in               |   | etters using            |                                     | -                               |  |  |  | and accuracy.<br>Children <b>use</b> |
| evaluating digital content. |   | CAPS LOCK<br>and shift. | (manipulating                       | 2Sequence.<br>Children are      |  |  |  | critical thinking                    |
| content.                    |   | To be able to           | backgrounds) or                     | confident when                  |  |  |  | skills in everyday                   |
| Select, use and             |   |                         | using pictogram<br>software such as |                                 |  |  |  | use of online                        |
| combine a variety           |   | type<br>numbers.        | 2Count                              | creating, naming,<br>saving and |  |  |  |                                      |
| compline a variety          | ſ | numbers.                | ZCOUIIL                             | saving and                      |  |  |  | communication.                       |



| of software        | To be able to      | retrieving        |                     |                          |                           |                        |
|--------------------|--------------------|-------------------|---------------------|--------------------------|---------------------------|------------------------|
| (including         | use the            | content. Children |                     |                          |                           |                        |
| internet services) | ENTER key          | use a range of    |                     |                          |                           |                        |
| on a range of      | To be able to      | media in their    |                     |                          |                           |                        |
| digital devices to | use the arrow      | digital content   |                     |                          |                           |                        |
| design and create  | keys.              | including photos, |                     |                          |                           |                        |
| a range of         | To be able to use  | text and sound.   |                     |                          |                           |                        |
| programs,          | the keyboard       |                   |                     |                          |                           |                        |
| systems and        | with all the above |                   |                     |                          |                           |                        |
| content that       | skills.            |                   |                     |                          |                           |                        |
| accomplish given   | Drawing skills:    |                   |                     |                          |                           |                        |
| goals, including   | To be able to      |                   | Outcome:            | Outcome:                 | Outcome:                  | Outcome:               |
| collecting,        | select             |                   | Children <b>can</b> | Children are <b>able</b> | Children are <b>able</b>  | Children <b>make</b>   |
| analysing,         | colours.           |                   | collect, analyse,   | to make                  | to make                   | clear connections      |
| evaluating and     | To be able to      |                   | evaluate and        | improvements to          | appropriate               | to the audience        |
| presenting data    | mark make          |                   | present data and    | digital solutions        | improvements to           | when designing         |
| and information.   | purposefully       |                   | information using   | based on                 | digital solutions         | and creating           |
|                    | on a screen.       |                   | a selection of      | feedback.                | based on                  | digital content.       |
|                    | To be able to      |                   | software, e.g.      | Children <b>make</b>     | feedback                  | The children           |
|                    | control the        |                   | using a branching   | informed                 | received and can          | design and create      |
|                    | pencil width.      |                   | database            | software choices         | confidently               | their own blogs        |
|                    | To be able to      |                   | (2Question),        | when presenting          | comment on the            | to become a            |
|                    | control tools      |                   | using software      | information and          | success of the            | content creator        |
|                    | to                 |                   | such as 2Graph.     | data. They <b>create</b> | solution. e.g.            | on the Internet,       |
|                    | experiment         |                   | Children can        | linked content           | creating their            | e.g. 2Blog. They       |
|                    | with.              |                   | consider what       | using a range of         | own program to            | are <b>able to use</b> |
|                    | To be able to      |                   | software is most    | software such as         | meet a design             | criteria to            |
|                    | use the undo       |                   | appropriate for a   | 2Connect and             | brief using 2Code.        | evaluate the           |
|                    | function.          |                   | given task. They    | 2Publish+.               | They <b>objectively</b>   | quality of digital     |
|                    | To be able to      |                   | can create          | Children <b>share</b>    | review solutions          | solutions and are      |
|                    | erase parts of     |                   | purposeful          | digital content          | from others.              | able to identify       |
|                    | pictures.          |                   | content to attach   | within their             | Children are able         | improvements,          |
|                    |                    |                   |                     | community, i.e.          | to <b>collaboratively</b> |                        |



|      | o be able to   | to emails, e.g. | using Virtual   | create content     | making some  |
|------|----------------|-----------------|-----------------|--------------------|--------------|
| C    | Iraw using a   | 2Respond.       | Display Boards. | and solutions      | refinements. |
| t    | ouch screen.   |                 |                 | using digital      |              |
| • T  | o be able to   |                 |                 | features within    |              |
| c    | Iraw using     |                 |                 | software such as   |              |
| r    | nouse          |                 |                 | collaborative      |              |
| c    | control.       |                 |                 | mode. They are     |              |
|      |                |                 |                 | able to <b>use</b> |              |
|      |                |                 |                 | several ways of    |              |
| Soun | id:            |                 |                 | sharing digital    |              |
| • T  | ō              |                 |                 | content, i.e.      |              |
| e    | experiment in  |                 |                 | 2Blog, Display     |              |
| t    | he music       |                 |                 | Boards and         |              |
| a    | area of Mini   |                 |                 | 2Email.            |              |
| Ν    | Mash to        |                 |                 |                    |              |
| c    | combine        |                 |                 |                    |              |
| s    | ounds.         |                 |                 |                    |              |
| • T  | o use the      |                 |                 |                    |              |
| b    | built-in sound |                 |                 |                    |              |
|      | effects in     |                 |                 |                    |              |
|      | Purple Mash.   |                 |                 |                    |              |
|      | o be able to   |                 |                 |                    |              |
|      | ecord          |                 |                 |                    |              |
|      | poken words    |                 |                 |                    |              |
|      | and play       |                 |                 |                    |              |
|      | hese back.     |                 |                 |                    |              |
|      |                |                 |                 |                    |              |
| Phot | ography:       |                 |                 |                    |              |
|      | o be able to   |                 |                 |                    |              |
|      | ook at         |                 |                 |                    |              |
|      | photos and     |                 |                 |                    |              |
|      | dentify        |                 |                 |                    |              |
|      | eatures. To    |                 |                 |                    |              |
|      |                |                 |                 |                    | <u> </u>     |





|   | be able to      |  |
|---|-----------------|--|
|   | take photos     |  |
|   | using a         |  |
|   | device.         |  |
| • | To be able to   |  |
|   | use the         |  |
|   | webcam in       |  |
|   | Mini Mash.      |  |
| • | To be able to   |  |
|   | open photos     |  |
|   | in Purple       |  |
|   | Mash.           |  |
|   |                 |  |
| • | To be able to   |  |
|   | use own         |  |
|   | photos in       |  |
|   | work on a       |  |
|   | digital device. |  |
|   |                 |  |
|   | izzes:          |  |
| • | To know what    |  |
|   | a quiz isTo     |  |
|   | be able to      |  |
|   | participate in  |  |
|   | a multiple-     |  |
|   | choice quiz     |  |
|   | using           |  |
|   | pictures.       |  |
| • | To be able to   |  |
|   | participate in  |  |
|   | a sequencing    |  |
|   | quiz using      |  |
|   | pictures.       |  |
|   |                 |  |



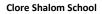
|                  | <ul> <li>To be able to<br/>answer quiz<br/>questions by<br/>typing.</li> <li>To be able to<br/>participate in<br/>a cloze quiz.</li> <li>To be able to<br/>participate in<br/>a sorting and<br/>sequencing<br/>quiz.</li> <li>To be able to<br/>complete a<br/>quiz with</li> </ul> |                  |                       |                   |                   |                   |                      |
|------------------|---|------------------|-----------------------|-------------------|-------------------|-------------------|----------------------|
|                  | mixed<br>questions.<br>• To be able to  |                  |                       |                   |                   |                   |                      |
|                  | play a quiz game.   |                  |                       |                   |                   |                   |                      |
| Digital Literacy | Technology  |                  |                       |                   |                   |                   |                      |
|                  | around us:  | Outcome:         | Outcome:              | Outcome:          | Outcome:          | Outcome:          | Outcome:             |
| KS1 NC           | To know the   | Children         | Children can          | Children          | Children can      | Children have a   | Children             |
| Recognise        | technology  | understand what  | effectively           | demonstrate the   | explore key       | secure            | demonstrate the      |
| common uses of   | used in the   | is meant by      | retrieve relevant,    | importance of     | concepts relating | knowledge of      | safe and             |
| information      | home.   | technology and   | purposeful digital    | having a secure   | to online safety  | common online     | respectful use of    |
| technology       | • To be able to   | can identify a   | content using a       | password and      | using concept     | safety rules and  | a range of           |
| beyond school.   | identify how  | variety of       | search engine.        | not sharing this  | mapping such as   | can apply this by | different            |
|                  | technology is   | examples both in | They can <b>apply</b> | with anyone else. | 2Connect. They    | demonstrating     | technologies and     |
| Use technology   | used  | and out of       | their learning of     | Furthermore,      | can help others   | the safe and      | online services.     |
| safely and       | outdoors.   | school. They can | effective             | children can      | to understand     | respectful use of | They <b>identify</b> |



| respectfully,<br>keeping personal<br>information | •  | To be able to<br>identify<br>technology | make a<br>distinction<br>between objects | searching beyond<br>the classroom.<br>They can share | explain the<br>negative<br>implications of | the importance of<br>online safety.<br>Children <b>know a</b> | a few different<br>technologies and<br>online services. | more discreet<br>inappropriate<br>behaviours |
|--|----|---|--|--|--|---|---|--|
| private; identify                                |    | used in the                             | that use modern                          | this knowledge,                                      | failure to keep                            | range of ways of  | Children implicitly                                     | through                                      |
| where to go for                                  |    | wider world.                            | technology and                           | e.g. 2Publish  | passwords safe                             | reporting   | relate  | developing                                   |
| help and support                                 |    |   | those that do not                        | example  | and secure. They                           | inappropriate   | appropriate   | critical thinking,                           |
| when they have                                   |    |   | e.g. a microwave                         | template.  | understand the                             | content and   | online behaviour  | e.g. 2Respond                                |
| concerns about                                   |    |   | vs. a chair.                             | Children make  | importance of                              | contact.  | to their right to                                       | activities. They                             |
| content or                                       |    |   |  | links between  | staying safe and                           |   | personal privacy  | recognise the                                |
| contact on the                                   |    |   |  | technology they                                      | the <b>importance</b>                      |   | and mental  | value in                                     |
| internet or other                                |    |   |  | see around them,                                     | of their conduct                           |   | wellbeing of  | preserving their                             |
| online   |    |   |  | coding and   | when using                                 |   | themselves and  | privacy when                                 |
| technologies.                                    |    |   |  | multimedia work                                      | familiar                                   |   | others.   | online for their                             |
|  |    |   |  | they do in school                                    | communication                              |   |   | own and other                                |
|  |    |   |  | e.g. animations,                                     | tools such as                              |   |   | people's safety.                             |
| KS2 NC   |    |   |  | interactive code                                     | 2Email in Purple                           |   |   |  |
| Use technology safely,                           |    |   |  | and programs.  | Mash. They know more than one              |   |   |  |
| respectfully and                                 |    |   |  |  | way to report                              |   |   |  |
| responsibly;                                     |    |   |  |  | unacceptable                               |   |   |  |
| recognise  |    |   |  |  | content and                                |   |   |  |
| acceptable/                                      |    |   |  |  | contact.                                   |   |   |  |
| unacceptable                                     | На | ardware:                                |  |  |  |   |   |  |
| behaviour;                                       | •  | To be able to                           | Outcome:                                 | Outcome:   |  |   |   |  |
| identify a range                                 |    | take                                    | Children                                 | Children <b>know</b>                                 |  |   |   |  |
| of ways to report                                |    | appropriate                             | understand the                           | the implications                                     |  |   |   |  |
| concern about                                    |    | actions                                 | importance of                            | of inappropriate                                     |  |   |   |  |
| content and                                      |    | before using                            | keeping                                  | online searches.                                     |  |   |   |  |
| contact.   |    | technology.                             | information, such                        | Children begin to                                    |  |   |   |  |
|  | •  | To be able to                           | as their                                 | understand how                                       |  |   |   |  |
|  |    | understand                              | usernames and                            | things are shared                                    |  |   |   |  |
|  |    | why food                                | passwords,                               | electronically                                       |  |   |   |  |
|  |    | should be                               | private and                              | such as posting                                      |  |   |   |  |



| kept away       | actively             | work to the            |  |  |
|-----------------|----------------------|------------------------|--|--|
| from devices.   | demonstrate this     | Purple Mash            |  |  |
| • To be able to | in lessons.          | display board.         |  |  |
| identify        | Children <b>take</b> | They <b>develop an</b> |  |  |
| electrical      | ownership of         | understanding of       |  |  |
| safety as       | their work and       | using email safely     |  |  |
| important.      | save this in their   | by using               |  |  |
| • To know safe  | own private          | 2Respond               |  |  |
| ways to         | space such as        | activities on          |  |  |
| transport       | their My Work        | Purple Mash and        |  |  |
| portable        | folder on Purple     | know ways of           |  |  |
| devices.        | Mash.                | reporting              |  |  |
| • To be able to |                      | inappropriate          |  |  |
| relate being    |                      | behaviours and         |  |  |
| gentle and      |                      | content to a           |  |  |
| sharing to the  |                      | trusted adult.         |  |  |
| use of          |                      |                        |  |  |
| devices.        |                      |                        |  |  |
| • To be able to |                      |                        |  |  |
| understand      |                      |                        |  |  |
| what            |                      |                        |  |  |
| technology is.  |                      |                        |  |  |
| • To be able to |                      |                        |  |  |
| identify the    |                      |                        |  |  |
| main parts of   |                      |                        |  |  |
| a computer.     |                      |                        |  |  |
|                 |                      |                        |  |  |
| Safety and      |                      |                        |  |  |
| privacy:        |                      |                        |  |  |
| • To be able to |                      |                        |  |  |
| explain what    |                      |                        |  |  |
| it means to     |                      |                        |  |  |





| own digital content. |  |
|----------------------|--|
|                      |  |
|                      |  |
| To be able to        |  |
| explain what         |  |
| 'private'            |  |
| means when           |  |
| using                |  |
| technology.          |  |
| To be able to        |  |
| express how          |  |
| it feels to be       |  |
| uncomfortabl         |  |
| e with               |  |
| something.           |  |
| To be able to        |  |
| name 5               |  |
| people who           |  |
| can help with        |  |
|                      |  |
| negative             |  |
| feelings.            |  |
| To be able to        |  |
| think about          |  |
| how to show          |  |
| kindness to          |  |
| others.              |  |
| To begin to          |  |
| be aware of          |  |
| the impact of        |  |
| a lot of             |  |
| screen time.         |  |
|                      |  |



| <ul> <li>Using Purple<br/>Mash with an<br/>individual login:</li> <li>To navigate<br/>to PM login<br/>page.</li> <li>Using login<br/>shortcuts.</li> <li>Login in<br/>picture<br/>password.</li> <li>Login in<br/>numbers.</li> <li>Login in<br/>numbers.</li> <li>My work<br/>area.</li> </ul> |  |  |  |
|---|--|--|--|
| area.<br>• 2Dos.  |  |  |  |